Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 05 Feb 2021 until 23:59 on Saturday 06 Feb 2021

Forecast Issued on Friday 05 Feb 2021 at 02:31

Confidence: High for an increasing cold spell through the forecast period with occasional snow or snow showers and easterly winds, although somewhat lower for cloud and snow amounts.

Headline for Friday 05 Feb 2021: Cloudy with outbreaks of rain, sleet and increasingly snow. Strong, cold easterly winds.

Mountain weather hazards on Friday 05 Feb 2021

Blizzards No Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Sleet	Sleet	Sleet
Precipitation probability					
60%	60%	60%	50%	40%	40%

Forecast for Friday 05 Feb 2021

Weather: Mainly cloudy with occasional light rain and increasingly sleet, the precipitation most persistent and occasionally heavy across eastern hills, and above about 700m turning increasingly to snow later in the day.

Chance of cloud free mountain/hill tops above 600m: Little chance in eastern areas, but 30% in west.

Visibility: Periods or persistent cloud above 300-450m, but nearer 600m in west. Away from cloud, visibility good falling to just a few kilometres in sleet and snow and less than a kilometre in any heavier snow.

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Mountain Weather Forecast

Forecast for Friday 05 Feb 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/12 E	7/12 E	9/12 E	10/13 E	12/18 E	13/19 E	14/21 E
300	5/12 NE	5/13 E	6/11 E	7/13 E	7/18 E	9/20 E	9/20 E
Valley	6/11 E	7/14 E	7/14 E	8/15 E	7/16 E	8/19 E	10/22 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-1	2/-1	3/-1	3/-1	2/-2	2/-3	2/-4
300	4/2	4/2	5/3	6/3	4/1	4/1	4/0
Valley	5/3	5/3	7/4	7/5	5/3	5/2	5/1
Freezing Level*	1100m	1100m	1100m	1000m	1000m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe chill effect possible over higher hills, gusts perhaps reaching 40mph later in the day over ridges and summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 05 Feb 2021	3.8mm	18.4mm	42.4mm

Forecast for Saturday 06 Feb 2021

Weather: Mostly cloudy with outbreaks of snow continuing, initially as rain or sleet below about 600m. Lying snow over higher hills drifting or blowing in the occasionally strong easterly or northeasterly winds. Snow turning more showery in nature later in the day.

Maximum wind: Easterly or northeasterly 20mph, increasing 25-30mph later in afternoon with gusts around 45-50mph over ridges and summits, creating a severe chill effect.

Chance of cloud free mountain/hill tops above 600m: Little chance, becoming 40% later in the day.

Visibility: Periods or persistent cloud above 300-450m, but nearer 600m in west. Away from cloud, visibility good falling to just a few kilometres in sleet and snow and near zero in drifting or blowing snow over higher fells.

Temperature: **Valleys:** Plus 1 or 2 Celsius at dawn rising to plus 3 Celsius by day
At 600m: Plus 1 Celsius falling to minus 3 Celsius
Freezing level: Around 700m gradually falling to 300m

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